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Pulpwood Production[1/] in the Lake States by County, 1982

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Abstract.--Lake States pulpwood production dipped to 5.52 million cords in 1982. Pulpwood production is shown by county and species group in Michigan, Minnesota, and Wisconsin.

KEY WORDS: Residue, Michigan, Minnesota, Wisconsin

Pulpwood production in the Lake States--Michigan, Minnesota, and Wisconsin--fell from 5.60 million cords in 1981 to 5.52 million cords in 1982: Wisconsin produced 2.29 million cords, Michigan 1.75 million cords, and Minnesota 1.48 million cords.

Ninety-two percent came from roundwood (including chips from roundwood); the remainder came from mill residue, such as slabs, edgings, veneer cores, and chips from these materials. Production from softwood and hardwood residue by State was:

State	Softwood	Hardwood
	(Hundred standard cords, unpeeled)	
Michigan	134	1,075
Minnesota	495	436
Wisconsin	419	2,006

Major species harvested were aspen (2,382,000 cords), pine (935,000 cords), maple (345,000 cords), balsam fir (313,000 cords), and birch (247,000 cords).

Wisconsin imported 25 percent of its pulpwood requirements, including 396,000 cords from Michigan, 179,000 cords from Minnesota, 131,000 cords from other (primarily western) States, and 42,000 cords from Canada.

1/Includes logs, bolts, and wood residue used in manufacturing particleboard, waferboard, and oriented strand board.

Counties cutting more than 100,000 cords were Delta, Menominee, Iron, and Marquette in Michigan; Koochiching, St. Louis, Beltrami, Cass, and Itasca in Minnesota; and Forest, Marinette, Oneida, Vilas, Bayfield, and Price in Wisconsin. These 15 counties furnished 45 percent of the pulpwood produced from roundwood in the Lake States in 1982.

Table 1.--Lake States pulpwood production from roundwood by county and species, 1982
(In hundred standard cords, unpeeled)

MICHIGAN

Unit and county[1/]	All species	Pine	Spruce	Balsam fir	Hemlock	Tamarack	Cedar	Aspen	Birch	Oak	Maple	Other hardwoods
E. UPPER PENINSULA												
Alger	297	61	14	27	35	1	4	20	19	1	42	73
Chippewa	400	171	29	38	25	3	4	56	18	1	29	26
Delta	1,102	211	88	173	45	11	18	244	90	X[2/]	98	124
Luce	251	57	36	34	63	2	1	26	6	X	12	14
Mackinac	346	14	34	44	18	1	4	88	27	1	65	50
Menominee	1,273	56	90	185	63	8	14	406	113	9	129	200
Schoolcraft	587	200	47	61	44	3	10	92	33	1	46	50
Total	4,256	770	338	562	293	29	55	932	306	13	421	537
W. UPPER PENINSULA												
Baraga	535	28	21	36	51	3	9	153	39	2	106	87
Dickinson	692	23	33	58	11	5	4	462	39	1	26	30
Gogebic	297	23	6	3	25	-	-	85	22	4	57	72
Houghton	144	4	6	9	6	34	-	30	12	X	22	21
Iron	1,320	91	123	116	30	13	6	444	100	7	177	213
Keweenaw	3	2	X	-	1	-	-	-	-	-	-	-
Marquette	1,643	342	143	217	119	13	45	303	130	6	149	176
Ontonagon	900	7	6	6	19	1	-	629	39	X	123	70
Total	5,534	520	338	445	262	69	64	2,106	381	20	660	669
N. LOWER PENINSULA												
Alcona	447	17	-	-	-	-	-	310	21	42	35	22
Alpena	171	7	X	1	-	-	-	120	10	2	20	11
Antrim	38	8	-	-	-	-	-	22	1	2	2	3
Arenac	5	3	-	-	-	-	-	1	X	-	1	-
Benzie	85	4	-	-	-	-	-	57	2	5	15	2
Charlevoix	67	2	-	-	-	-	-	48	3	5	8	1
Cheboygan	606	31	1	11	-	-	-	389	43	30	70	31
Clare	171	2	-	-	-	-	-	121	5	13	24	6
Crawford	251	120	X	X	-	-	-	96	6	15	12	2
Emmet	111	16	-	-	-	-	-	75	1	1	16	2
Gladwin	34	X	-	-	-	-	-	32	1	X	1	X
Grand Traverse	26	14	-	-	-	-	-	11	X	-	1	-
Iosco	110	66	-	-	-	-	-	24	3	9	6	2
Isabella	48	28	-	-	-	-	-	20	-	-	-	-
Kalkaska	60	33	-	-	-	-	-	21	1	1	3	1
Lake	326	135	-	-	-	-	-	56	1	116	15	3
Leelanau	20	X	-	-	-	-	-	14	1	3	1	1
Manistee	94	5	-	-	-	-	-	30	2	6	41	10
Mason	193	14	-	-	-	-	-	106	2	35	32	4
Mecosta	210	24	-	-	-	-	-	159	1	21	5	X
Midland	12	1	-	-	-	-	-	9	1	-	1	-
Missaukee	213	3	-	-	-	-	-	175	5	5	20	5
Montmorency	452	48	X	X	-	-	-	296	23	25	44	16
Newaygo	378	141	-	-	-	-	-	132	2	84	16	3
Oceana	218	31	-	-	-	-	-	89	2	77	17	2
Ogemaw	244	99	-	-	-	-	-	77	7	30	27	4
Osceola	71	4	-	-	-	-	-	60	2	1	4	-
Oscoda	364	135	-	-	X	-	-	184	10	11	14	10
Otsego	83	47	-	-	-	-	-	24	2	3	5	2
Presque Isle	336	30	6	26	-	-	-	178	30	9	40	17
Roscommon	191	24	-	-	-	-	-	135	6	5	17	4
Wexford	211	91	-	-	-	-	-	73	1	11	33	2
Total	5,846	1,183	7	38	X	-	-	3,144	195	567	546	166
S. LOWER PENINSULA												
Allegan	251	5	-	-	-	-	-	44	5	141	41	15
Barry	41	8	-	-	-	-	-	9	1	17	4	2
Berrien	X	X	-	-	-	-	-	-	-	-	-	-
Calhoun	2	2	-	-	-	-	-	-	-	-	-	-
Clinton	2	1	-	-	-	-	-	1	-	-	-	-
Eaton	X	X	-	-	-	-	-	-	-	-	-	-
Ingham	X	X	-	-	-	-	-	X	-	-	-	-
Ionia	11	-	-	-	-	-	-	3	-	-	4	4
Kalamazoo	20	3	-	-	-	-	-	4	X	9	3	1
Kent	3	X	-	-	-	-	-	3	-	-	-	-
Montcalm	44	16	-	-	-	-	-	26	X	2	X	X
Muskegon	109	40	-	-	-	-	-	25	1	36	6	1
Ottawa	91	70	-	-	-	-	-	11	X	9	1	X
St.Joseph	11	-	-	-	-	-	-	2	X	6	2	1
Shiawassee	1	1	-	-	-	-	-	-	-	-	-	-
Tuscola	X	X	-	-	-	-	-	-	-	-	-	-
Van Buren	79	2	-	-	-	-	-	13	2	44	13	5
Washtenaw	4	4	-	-	-	-	-	-	-	-	-	-
Total	669	152	-	-	-	-	-	141	9	264	74	29
State total	16,305	2,625	683	1,045	555	98	119	6,323	891	864	1,701	1,401

(Table 1 continued on next page)

(Table 1 continued)

MINNESOTA

Unit and county[1/]	All species	Pine	Spruce	Balsam fir	Hemlock	Tamarack	Cedar	Aspen	Birch	Oak	Maple	Other hardwoods
ASPEN-BIRCH												
Carlton	161	13	11	2	-	1	-	122	-	-	-	12
Cook	424	85	146	95	-	-	-	98	-	-	-	-
Koochiching	1,965	171	487	260	-	168	-	802	5	-	3	69
Lake	580	74	133	71	-	20	-	271	4	-	-	7
St. Louis	3,054	581	202	245	-	51	-	1,787	5	-	1	182
Total	6,184	924	979	673	-	240	-	3,080	14	-	4	270
NORTHERN PINE												
Aitkin	404	7	2	4	-	9	-	340	-	-	-	42
Becker	112	31	-	-	-	X	-	73	-	-	-	8
Beltrami	1,113	91	89	56	-	103	-	696	7	-	1	70
Cass	1,039	185	6	26	-	2	-	794	10	-	X	16
Clearwater	382	23	20	15	-	5	-	294	2	-	1	22
Crow Wing	180	71	-	-	-	-	-	109	-	-	-	-
Hubbard	782	58	3	2	-	2	-	674	1	-	-	42
Itasca	2,543	124	95	276	-	26	-	1,946	1	-	X	75
Lake Of The Woods	283	95	98	6	-	43	-	38	-	-	-	3
Mahnomen	69	3	-	-	-	13	-	50	-	-	-	3
Roseau	58	13	41	-	-	X	-	4	-	-	-	X
Wadena	119	96	-	-	-	X	-	23	-	-	-	X
Total	7,084	797	354	385	-	203	-	5,041	21	-	2	281
CENTRAL HARDWOOD												
Goodhue	1	1	-	-	-	-	-	-	-	-	-	-
Isanti	2	2	-	X	-	-	-	-	-	-	-	-
Kanabec	39	-	-	-	-	-	-	39	-	-	-	-
Mille Lacs	288	2	-	-	-	X	-	283	1	1	X	1
Morrison	92	2	-	-	-	1	-	89	-	-	-	-
Otter Tail	4	-	-	-	-	-	-	4	-	-	-	-
Pine	186	32	-	-	-	-	-	120	-	-	-	34
Sherburne	26	26	-	-	-	-	-	-	-	-	-	-
Todd	6	2	-	-	-	-	-	4	-	-	-	-
Winona	X	X	-	-	-	-	-	-	-	-	-	-
Total	644	67	-	X	-	1	-	539	1	1	X	35
PRAIRIE												
Cottonwood	X	X	-	-	-	-	-	-	-	-	-	-
Polk	2	-	-	-	-	2	-	-	-	-	-	-
Red Lake	1	1	-	-	-	-	-	-	-	-	-	-
Sibley	X	X	-	-	-	-	-	-	-	-	-	-
Total	3	1	-	-	-	2	-	-	-	-	-	-
State total	13,915	1,789	1,333	1,058	-	446	-	8,660	36	1	6	586

(Table 1 continued on next page)

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WISCONSIN

Unit and county[1/]	All species	Pine	Spruce	Balsam fir	Hem-lock	Tam-arack	Cedar	Aspen	Birch	Oak	Maple	Other hardwoods
NORTHEASTERN												
Florence	614	66	14	46	20	1	-	352	41	6	46	22
Forest	1,162	109	73	180	14	3	-	424	113	7	144	95
Langlade	806	32	12	62	5	5	-	402	69	5	142	72
Lincoln	938	52	10	32	6	11	-	593	58	13	87	76
Marinette	1,429	362	42	120	33	1	-	712	47	24	61	27
Menominee	481	68	X	1	176	-	-	164	8	9	35	20
Oconto	645	212	1	9	6	-	-	358	17	6	21	15
Oneida	1,312	233	50	157	8	4	-	483	177	28	120	52
Shawano	234	72	-	X	13	X	-	88	6	7	20	28
Vilas	1,128	352	25	95	10	X	-	349	152	25	85	35
Total	8,749	1,558	227	702	291	25	-	3,925	688	130	761	442
NORTHWESTERN												
Ashland	890	61	26	123	5	10	-	375	102	6	120	62
Barron	33	19	-	X	-	-	-	11	3	X	X	X
Bayfield	1,398	255	2	26	1	1	-	907	115	50	23	18
Burnett	500	224	1	-	-	X	-	271	X	X	4	X
Douglas	924	496	1	12	-	X	-	367	37	X	4	7
Iron	689	20	3	14	9	1	-	430	67	6	97	42
Polk	22	21	-	-	1	-	-	-	-	-	X	-
Price	1,118	63	13	70	8	17	-	349	167	20	276	135
Rusk	602	15	-	1	5	-	-	294	63	44	93	87
Sawyer	976	18	5	48	4	1	-	621	113	15	103	48
Taylor	589	21	2	23	4	7	-	244	56	12	128	92
Washburn	574	196	1	6	-	X	-	330	19	4	13	5
Total	8,315	1,409	54	323	37	37	-	4,199	742	157	861	496
CENTRAL												
Adams	494	422	-	-	-	X	-	5	1	64	1	1
Chippewa	216	28	X	X	X	-	-	98	32	12	23	23
Clark	357	59	-	X	X	-	-	159	31	68	21	19
Eau Claire	135	99	-	-	-	-	-	17	2	10	4	3
Jackson	295	220	-	-	-	-	-	26	6	27	9	7
Juneau	338	248	-	-	-	-	-	22	4	58	4	2
Marathon	334	51	X	5	3	-	-	187	21	8	29	30
Marquette	78	52	-	-	-	-	-	6	2	12	4	2
Monroe	121	103	-	-	-	-	-	3	1	6	5	3
Portage	180	93	-	1	1	9	-	45	3	20	5	3
Waupaca	134	58	X	-	1	-	-	54	2	8	6	5
Waushara	161	160	-	-	-	-	-	-	-	1	-	-
Wood	191	69	1	-	-	X	-	83	4	24	5	5
Total	3,034	1,662	1	6	5	9	-	705	109	318	116	103
SOUTHWESTERN												
Buffalo	8	7	-	-	-	-	-	1	-	-	-	-
Crawford	X	-	-	-	-	-	-	X	-	-	-	-
Dunn	113	110	X	-	-	-	-	3	X	-	X	X
LaCrosse	11	11	-	-	-	-	-	X	-	-	-	-
Pepin	4	4	X	-	-	X	-	X	-	-	-	-
Pierce	X	-	-	X	-	-	-	-	-	X	-	-
Richland	1	1	-	-	-	-	-	-	-	-	-	-
Sauk	35	34	-	-	-	-	-	-	X	1	X	X
Trempealeau	60	59	1	-	-	-	-	-	-	-	-	-
Vernon	X	X	-	-	-	-	-	-	-	-	-	-
Total	232	226	1	X	-	X	-	4	X	1	X	X
SOUTHEASTERN												
Brown	13	8	-	-	-	-	-	5	-	-	-	-
Columbia	66	54	-	-	-	-	-	-	1	8	2	1
Dane	1	1	-	-	-	-	-	-	-	-	-	-
Door	1	-	-	-	-	-	-	1	-	-	-	-
Green	X	X	-	-	-	-	-	-	-	-	-	-
Green Lake	2	2	-	-	-	-	-	-	X	X	X	X
Jefferson	X	-	-	-	-	-	-	X	-	-	-	-
Kewaunee	X	-	-	-	-	-	-	-	-	-	X	-
Outagamie	6	3	-	-	-	-	-	3	X	X	X	X
Rock	X	X	-	-	-	-	-	-	-	-	-	-
Sheboygan	X	-	-	X	-	-	-	-	-	-	-	-
Walworth	7	7	-	-	-	-	-	-	-	-	-	-
Waukesha	6	6	-	-	-	-	-	-	-	-	-	-
Winnebago	X	X	-	-	-	-	-	-	-	-	-	-
Total	102	81	-	X	-	-	-	9	1	8	2	1
State total	20,432	4,936	283	1,031	333	71	-	8,842	1,540	614	1,740	1,042

[1/] Includes only those counties that supplied pulpwood in 1982.

[2/] X=less than 50 cords.